Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended): A power supply topology comprising:

a first path configured to be coupled to a controllable DC power source;

a second path configured to be coupled to a rechargeable battery;

a third path configured to be coupled to a system load, wherein said first, second, and third paths are coupled to a common node;

a first switch coupled to said first path to allow selective coupling of said controllable DC power source to said system load via said common node; and

a second switch coupled to said second path to allow selective coupling of said battery to said common node;

wherein when said first and second switches are closed said controllable DC power source and said rechargeable battery are in a parallel power supply mode to permit both said controllable DC power source and said rechargeable battery to concurrently supply power to said system load.

2.. (original): The power supply topology of claim 1, wherein said first switch is closed and said second switch is open in a first power supply mode wherein said controllable DC power source provides power to said system load.

3. (original): The power supply topology of claim 1, wherein said second switch comprises a selectively unidirectional switch having a first discharging closed position configured to permit current flow along said second path in a first direction from said battery to said system load and to prevent current flow along said second path in a second direction opposite said first direction.

4-6 (cancelled)

7. (previously amended): The power supply topology of claim 1, wherein said controllable DC power source comprises a DC to DC converter.

8. (original): The power supply topology of claim 7, further comprising a fixed DC power source coupled to said DC to DC converter via said first path, wherein a first power conversion is made by said fixed DC power source by accepting an input voltage and converting said input voltage to a fixed DC output voltage and a second power conversion is made by said DC to DC converter by accepting said fixed DC output voltage and converting said fixed DC output voltage to a DC output voltage.

9. (original): The power supply topology of claim 8, wherein said first switch is coupled between said fixed DC power source and said DC to DC converter.

10. (previously amended): The power supply topology of claim 8, wherein said first switch is coupled between said DC to DC converter and said common node.

11. (previously amended): The power supply topology of claim 1, wherein said controllable DC power source comprises a controllable adapter.

12. (previously amended): The power supply topology of claim 11, wherein a first power conversion is made by said controllable adapter by accepting an input voltage and converting said input voltage to an output DC voltage to supply to said system load.

13. (previously amended): The power supply topology of claim 11, wherein said controllable adapter comprises an AC/DC adapter.

14-38 (cancelled)